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Minimum
Maximum
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Maximum Match 100%
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seq length:
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1 RRVVRRVRRVVRRV
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/cgn2_6/ptodata/1/paa/US07_COMB.pep: *
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/cgn2_6/ptodata/1/paa/US08_COMB.pep: *
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/cgn2_6/ptodata/1/paa/US092_COMB.pep: *
/cgn2_6/ptodata/1/paa/US093_COMB.pep: *
/cgn2_6/ptodata/1/paa/US095_COMB.pep: *
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131.654 Million cell updates/sec
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Regult No.

Score

Query Match

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109 109 109 109

100.0

PCT-US02-04432-5 PCT-US02-04812-5 1 US-09-785-058-5 1 US-09-785-059-5 4 US-10-079-075-5 PCT-US02-04432-6

Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli

Sequence

9

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Qy Db	Query M Best Lo Matches	; SEQ ID NO ; LENGTH: ; TYPE: P ; ORGANIS ; FEATURE ; OTHER I PCT-USO2-04	,	GENERAL GENERA	RESULT 1 PCT-US02-04		4.4 4.5	42 43	40	39	. 36	1 LU LU 44 70 1	 	31	29	26 27	24 25	22 23	20	18 19	16 17	14 15	13	; E	10	7
1 RRVVRRVRRVVRRVVRVVRRVVRR 24 	atch 100.0%; Score 109; cal Similarity 100.0%; Pred. No. 4 24; Conservative 0; Mismatche	LENGTH: 24 TYPE: PRT ORGANISM: Artificial FEATURE: OTHER INFORMATION: A -US02-04432-5	INT FILING DATE: IN OF SEQ ID NOS: IR OF SEQ ID NOS: IARE: FastSEQ for	ENERAL INFORMATION: APPLICANT: Ronald C. Monte: APPLICANT: Timothy A. Mie: TITLE OF INVENTION: VIRUS: FILE REFERENCE: A34001-PCT FILE REFERENCE: A34001-PCT	1432-5 5, Application PC/T INFORMATION: VT: Ronald C. Montel	ALIGNMENTS		7 52. 6 51.	7 52. 7 52.	7.5 52. 57 52.	5 52.	8 80.	80.	8 80.	88 80.	8 80. 8 80.	8 80. 80.	80.	9 100.	9 100.	9 100. 9 100.	9 100. 9 100.	9 100.	9 100.	100.	9 100.
		cial Sequence N: Artificial	TE: 2002-02-1 NOS: 12 for Windows V	A. Mietzner VIRUS DERIVED)01-PCT / 07239 NUMBER: PCT/US			1 21	17 13 31 1	17 8 17 8	882 24 17 1	882 18	48 21	488	48 1	7 36 21 7 36 21	36 1	24 21 24 24	24 1 24 21	. 48 24 24 1	48 21 48 21	48 48 1	42 21 42 24	42 21	42	36 21 36 24	36 1 36 21
		peptide derived	-13 Version 3.0				PCT-US02-04812-	US-08-969-92	US-08-415-239 US-08-457-912	PCT-US96-03490-	US-09-157-58	US-10-079-07	US-09-785-05	PCT-US02-0443	US-09-785-05	PCT-US02-0443: PCT-US02-0481:	US-09-785-05	PCT-US02-0481	US-10-079-07	US-09-785-05	PCT-US02-0443; PCT-US02-0481;	US-10-079-07	US-09-785-05	PCT-US02-0443	US-09-785-05	. PCT-US02-04812-6
	DB 1; Length .2e-08; Indels	from HIV-		ANTIMICROBIAL PEPTIDES			8-2	2-2		9B-94 0-4	3-17 5-78	5-12	8-12	5-11	8-11 9-11	2-11 2-11	9-10 9-10	8-10 8-10	5-8 2-10	w &	2-8	5-7	8-7	2-7	01 O	8 - 6 6
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CURRENT APPLICATION NUMBER: US/09/785,059
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 24
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SEQ ID NO 5
LENGTH: 24
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 24; Conserv
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GENERAL INFORMATION:
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A14001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
                                                                                                                                            APPLICANT: Ronald C. APPLICANT: Timothy 1
                                                                                                     APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A33577 / 072396.0217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      EQ ID NO 5
LENGTH: 24
TYPE: PRT
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TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A 34001 / 072396.0222
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NUMBER OF SEQ ID NOS: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ronald C. APPLICANT: Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
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OTHER INFORMATION: Artificial
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                                                                                                                                                                                                                                                                                                                                                                               Similarity
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Pred. No. 4.2e-08
                                                                                                                                                                                                                                                                                                                                                                            Score 109; DB 21;
Pred. No. 4.2e-08;
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PCT-US02-04432-6
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; OTHER INFORMATION: Artificial peptide derived from HIV-1
US-10-079-075-5
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                                                                                                                                                                         SEQ ID NO 6
LENGTH: 36
TYPE: PRT
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LENGTH: 24
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
                                                                                                                                                                                                                                             APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04432
CURRENT FILING DATE: 2002-02-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/079,075
CURRENT FILING DATE: 2002-02-19
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED
FILE REFERENCE: A34001-A / 072396.
                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
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                                                                                                                               OTHER INFORMATION: Artificial peptide derived from
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                                                                                                                                              FEATURE:
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                                                       Conservative
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                                                    Score 109; DB 1;
Pred. No. 6.7e-08;
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Pred. No. 4.2e-08;
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Pred. No. 4.
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Sequence 1, Application:
Sequence 1, Applicant: Ronald C. Montelaro
APPLICANT: Timothy A. Mietzner
APPLICANT: TIMOTHY A. Mietzner
APPLICANT: TIMOTHY A. MIETZNER
ANTIMICROBIAL PEPTIDES
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
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TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-PCT / 072396.0223
CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 36
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SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 36
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Best Local Similarity
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                                       SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 36
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TITLE OF INVENTION: VLRUS DERIVED ANTIMICROBIAL PEPTIDES
PILE REFERENCE: A33577 / 072396.0217
CURRENT APPLICATION NUMBER: US/09/785,059
CURRENT FILING DATE: 2001-02-16
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CURRENT FILING DATE: 2001-02-16
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                                                                                                              NUMBER OF SEQ ID NOS: 12
                         TYPE: PRT
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ORGANISM: Artifical sequence
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Pred. No. 6.7e-08;
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Pred. No. 6.7e-08;
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; FEATURE: ; OTHER INFORMATION: Artificial peptide derived from US-09-785-059-6
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US-10-079-075-6
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                                                                                                                                       OTHER INFORMATION: Artificial peptide derived from HIV-1
PCT-US02-04432-7
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7
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                                                                    Matches
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Best Local (
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Best Local &
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-A / 072396.0222
CURRENT FAPPLICATION NUMBER: US/10/079,075
CURRENT FAPPLICATION NUMBER: US/10/079,075
CURRENT FILLING DATE: 2002-02-19
NUMBER OF SEQ ID NOS: 12
                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: PCT/US02/04432
CURRENT FILING DATE: 2002-02-13
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A34001-PCT / 072396.0223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                               LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
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TYPE: PRT
ORGANISM: Artificial Sequence
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100.0%; Pred. No. 8e-08;
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Pred. No. 6.7e-08;
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RESULT 12 PCT-US02-04812-7

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RESULT 14
US-09-785-059-7
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US-09-785-058-7
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US-09-785-058-7
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PCT-US02-04812-7
            CURRENT APPLICATION NUMBER: US/09/785,059
CURRENT FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NQ 7
SEQ ID NQ 7
TYPE: PRT
CREARISM: Artifical sequence
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LENGTH: 42
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GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Timothy A. Mietzner
TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL
FILE REFERENCE: A33577 / 072396.0217
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CURRENT APPLICATION NUMBER: PCT/US02/04812
CURRENT FILING DATE: 2002-02-19
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TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A 34001 / 072396.0222
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SOFTWARE: FastSEQ for Windows Version 3.0
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APPLICANT: Timoth
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TYPE: PRT
ORGANISM: Artifical sequence
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Pred. No. 8e-08;
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Pred. No. 8e-08;
Mismatches
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Search completed: June 9, Job time: 117.532 secs

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                                                                                                                           ; OTHER INFORMATION: Artificial peptide derived from HIV-1 US-10-079-075-7
                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7
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                                                                                            Query Match
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TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
FILE REFERENCE: A34001-A / 072396.0222
CURRENT APPLICATION NUMBER: US/10/079,075
CURRENT FILING DATE: 2002-02-19
                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ronald C. Montelaro APPLICANT: Timothy A. Mietzne
                                                                                                                                                        LENGTH: 42
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                           1 RRVVRRVRRVVRRVVRRVVRR 24
                                                              24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 RRVVRRVRRVVRRVVRRVVRR 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            24; Conservative
                                                                           Similarity
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RRVVRRVVRRVVRVVRRVVRR 24
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                                                            100.0%; ilarity 100.0%; Conservative 0
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                                                              0;
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                                                                           Score 109; DB 2
Pred. No. 8e-08;
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Pred. No. 8e-08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                              Mismatches
                                                                                          DB 24; Length
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                                                              o
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                                                              Indels
                                                                                             42;
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                                                              0,
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